Data Sheet | Item Number: 855-1700/032-000

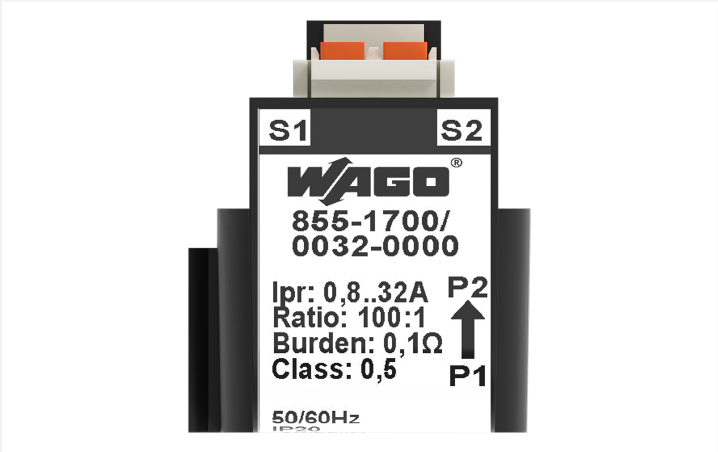
Plug-in current transformer; Primary rated current 32 A; Secondary rated current 320 mA

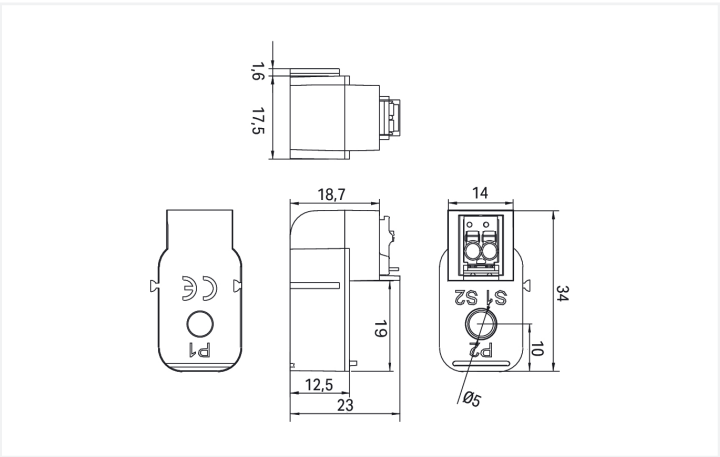
https://www.wago.com/855-1700/032-000











Dimensions in mm

Short description:

WAGO's *picoMAX*® plug-in current transformer with low-power output is specifically tailored to WAGO's 750 Series 3-Phase Power Measurement Modules.

Features:

- All-new, low-power output design with *picoMAX*®
- Assembly via side latches
- Can be mounted directly on an ECB

Notes

Note	The 855-1700/032-000 Plug-In Current Transformer is exclusive to the WAGO I/O System and shall only be used with WAGO's 750 Series 3-Phase Power Measurement Modules. Recommended conductor cross-section and length: 1.5 mm² (14 AWG) and maximum 3.0 m at the output Measurement range: 0.8 to 32 A in combination with the 3-Phase Power Measurement Modules (750-493/-494/-495) Testing adheres to EN 61869-2 with a conversion ratio of 16 A / 0.16 A (accuracy class: 0.5) and an extended primary current of 200 %.

Technical data

Input

Measured variable	Current

Input – current transformer

Rated short-time thermal current I_{th}	2 kA / 0.1 s
Rated surge current I_{dyn}	2.5 x I_{th}
Rated frequency	50 … 60 Hz
Primary rated current	32 A

Output – current transformer

Secondary rated current	0.32 A
Rated power S_r	0.01 VA

Measurement Error

Accuracy class	0.5

Safety and protection

Protection type	IP20
Test voltage	3 kVAC; 50 Hz; 1 min
Highest voltage for equipment U_m	720 V_{rms}AC

Connection Data

Feedthrough for measurement conductor	Ø 5.0 mm

Connection 1

Connection technology	Push-in CAGE CLAMP®
WAGO connector	*picoMAX*® 3.5, 2091-1122
Strip length	8 … 9 mm / 0.31 … 0.35 inches
Solid conductor	0.2 … 1.5 mm² / 24 … 14 AWG
Fine-stranded conductor	0.2 … 1.5 mm² / 24 … 14 AWG

Physical data

Width	17 mm / 0.669 inches
Height	34 mm / 1.339 inches
Depth	23 mm / 0.906 inches

Mechanical data

Mounting type	Closed current transformer Installation on round cable

Continued on next page

Material data

Insulation class	E
Housing material	PA 66
Weight	11 g

Environmental requirements

Ambient temperature (operation)	-10 … +55 °C
Ambient temperature (storage)	-20 … +70 °C
Relative humidity	5 … 85 % (without condensation)
Operating altitude (max.)	2000 m

Standards and Specifications

Standards/specifications	EN 61869-2 EN 61010-1

Commercial data

PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	NL
Customs tariff number	85043129900

Product Classification

UNSPSC	39121006
eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 9.0	EC002048
ETIM 10.0	EC002048
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03082

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
855-1700/032-000

Documentation

Bid Text

855-1700/032-000	19.02.2019	xml 5.17 KB
855-1700/032-000	08.01.2016	doc 32.50 KB

Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steck-verbinder	pdf 320.75 KB

CAD/CAE-Data

CAD data

2D/3D Models
855-1700/032-000

CAE data

EPLAN Data Portal
855-1700/032-000

WSCAD Universe
855-1700/032-000

1 Compatible Products

1.1 Optional Accessories

1.1.1 Tool

1.1.1.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

Conductor termination



Push-in termination of solid conductors and fine-stranded conductors with ferrules



Universal connection for fine-stranded conductors

Installation



Just slide together.



Side-by-side assembly



To save space, mount directly above the circuit breaker.